ABSTRACT


This research aim to the effect use of application multimedia sign language to enhancement vocabulary deaf children class III SLB B YRTRW Surakarta in year 2018/2019. This research use pre-eksperimental design have the form of one group pretest-posttest design. Subject in this research such as 7 children deaf class III in SLB B YRTRW Surakarta 2018/2019 that determined use by surfeited sampling. The instrument research use guide oral test with answer the direct question from the question that given by researcher. Data of research analyzed use by Wilcoxon Sign Rank Test.

Based on data analysis that was done, the value of $Z_{hitung} = -2.366$ with asymp.sig.(2-tailed) is 0.018 that under significance level ($p < 0.05$). That result show that application multimedia sign language take effect to increase vocabulary deaf children class III in SLB B YRTRW Surakarta in year 2018/2019.

Keywords: application, multimedia, deaf, vocabulary, sign language